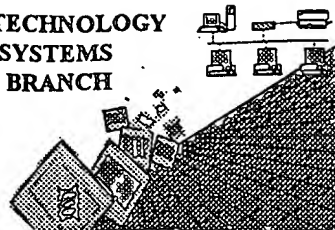


## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/744,628  
Source: PCT09  
Date Processed by STIC: 3/21/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



**Does Not Comply**  
**Corrected Diskette Needed**

PCT09

Error on p. 2

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/744,628

DATE: 03/21/2002  
TIME: 15:24:12

Input Set : A:\SEQUENCE LISTING.txt  
Output Set: N:\CRF3\03212002\I744628.raw

```

3 <110> APPLICANT: YIP, CECIL
5 <120> TITLE OF INVENTION: IDENTIFICATION OF COMPOUNDS FOR MODULATING DIMERIC RECEPTORS
7 <130> FILE REFERENCE: P04885US1
9 <140> CURRENT APPLICATION NUMBER: 09/744628
C--> 10 <141> CURRENT FILING DATE: 2001-10-09
12 <150> PRIOR APPLICATION NUMBER: PCT/CA00/00605
13 <151> PRIOR FILING DATE: 2000-05-25
15 <160> NUMBER OF SEQ ID NOS: 17
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 30
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <221> NAME/KEY: PEPTIDE
26 <222> LOCATION: (1)..(30)
27 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G
28     X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
29     X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
30     X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
33 <400> SEQUENCE: 1
W--> 35 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
36 1          5          10          15
W--> 38 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Pro Xaa Thr
39          20          25          30
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 21
43 <212> TYPE: PRT
44 <213> ORGANISM: Homo sapiens
46 <220> FEATURE:
47 <221> NAME/KEY: PEPTIDE
48 <222> LOCATION: (1)..(21)
49 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
50     X(3)=N,Q,S,T,Y X(4)=,Q,S,T,Y
51     X(5)=D X(6)=Q,S,T,Y
54 <400> SEQUENCE: 2
W--> 56 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Ile Cys Ser Leu Tyr Xaa Leu
57 1          5          10          15
W--> 59 Xaa Asn Tyr Cys Xaa
60          20
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 30
64 <212> TYPE: PRT

```

## RAW SEQUENCE LISTING

DATE: 03/21/2002

PATENT APPLICATION: US/09/744,628

TIME: 15:24:12

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\03212002\I744628.raw

65 <213> ORGANISM: Homo sapiens  
 67 <220> FEATURE:  
 68 <221> NAME/KEY: PEPTIDE  
 69 <222> LOCATION: (1)..(30)  
 70 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G X(4)=D  
 71 X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G X(7)=D X(8)=K,H  
 72 X(9)=A,V,I,P,L,W,M,C,G X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N  
 73 X(12)=H,R X(13)=H,R  
 76 <400> SEQUENCE: 3

W--> 78 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa  
 79 1 5 10 15

W--> 81 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Xaa Pro Thr  
 82 20 25 30

84 <210> SEQ ID NO: 4  
 85 <211> LENGTH: 21  
 86 <212> TYPE: PRT  
 87 <213> ORGANISM: Homo sapiens  
 89 <220> FEATURE:  
 90 <221> NAME/KEY: PEPTIDE  
 91 <222> LOCATION: (1)..(21)  
 92 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y  
 93 X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y  
 94 X(5)=D X(6)=Q,S,T,Y  
 97 <400> SEQUENCE: 4

W--> 99 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Ile Cys Ser Leu Tyr Xaa Leu  
 100 1 5 10 15

W--> 102 Xaa Asn Tyr Cys Xaa  
 103 20

105 <210> SEQ ID NO: 5  
 106 <211> LENGTH: 30  
 107 <212> TYPE: PRT  
 108 <213> ORGANISM: Bos taurus  
 110 <220> FEATURE:  
 111 <221> NAME/KEY: PEPTIDE  
 112 <222> LOCATION: (1)..(30)  
 113 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G  
 114 X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G  
 115 X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G  
 116 X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R  
 119 <400> SEQUENCE: 5

W--> 121 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa  
 122 1 5 10 15

W--> 124 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Pro Xaa Ala  
 125 20 25 30

127 <210> SEQ ID NO: 6  
 128 <211> LENGTH: 21  
 129 <212> TYPE: PRT  
 130 <213> ORGANISM: Bos taurus  
 132 <220> FEATURE:

There are only  
12 Xaas listed

## RAW SEQUENCE LISTING

DATE: 03/21/2002

PATENT APPLICATION: US/09/744,628

TIME: 15:24:12

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\03212002\I744628.raw

```

133 <221> NAME/KEY: PEPTIDE
134 <222> LOCATION: (1)..(21)
135 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
136     X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y
137     X(5)=D X(6)=Q,S,T,Y
140 <400> SEQUENCE: 6
W--> 142 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Val Cys Ser Leu Tyr Xaa Leu
143 1          5          10          15
W--> 145 Xaa Asn Tyr Cys Xaa
146          20
148 <210> SEQ ID NO: 7
149 <211> LENGTH: 30
150 <212> TYPE: PRT
151 <213> ORGANISM: Sus scrofa
153 <220> FEATURE:
154 <221> NAME/KEY: PEPTIDE
155 <222> LOCATION: (1)..(30)
156 <223> OTHER INFORMATION: X(1)=N,Q,T,Y X(2)=K,R X(3)=A,L,I,P,F,W,M,C,G
157     X(4)=D X(5)=Q,S,T,N X(6)=A,V,I,P,F,W,M,C,G
158     X(7)=D X(8)=K,H X(9)=A,V,I,P,L,W,M,C,G
159     X(10)=A,V,I,P,L,W,M,C,G X(11)=Q,S,T,N X(12)=H,R
162 <400> SEQUENCE: 7
W--> 164 Phe Val Asn Gln His Leu Cys Gly Xaa Xaa Leu Xaa Xaa Ala Leu Xaa
165 1          5          10          15
W--> 167 Xaa Val Cys Gly Xaa Xaa Gly Xaa Xaa Xaa Thr Pro Xaa Ala
168          20          25          30
170 <210> SEQ ID NO: 8
171 <211> LENGTH: 21
172 <212> TYPE: PRT
173 <213> ORGANISM: Sus scrofa
175 <220> FEATURE:
176 <221> NAME/KEY: PEPTIDE
177 <222> LOCATION: (1)..(21)
178 <223> OTHER INFORMATION: X(1)=D X(2)=Q,S,T,Y
179     X(3)=N,Q,S,T,Y X(4)=Q,S,T,Y
180     X(5)=D X(6)=Q,S,T,Y
183 <400> SEQUENCE: 8
W--> 185 Gly Ile Val Xaa Xaa Cys Cys Xaa Ser Ile Cys Ser Leu Tyr Xaa Leu
186 1          5          10          15
W--> 188 Xaa Asn Tyr Cys Xaa
189          20
191 <210> SEQ ID NO: 9
192 <211> LENGTH: 30
193 <212> TYPE: PRT
194 <213> ORGANISM: Homo sapiens
196 <220> FEATURE:
197 <221> NAME/KEY: PEPTIDE
198 <222> LOCATION: (1)..(30)
200 <400> SEQUENCE: 9

```

## RAW SEQUENCE LISTING

DATE: 03/21/2002

PATENT APPLICATION: US/09/744,628

TIME: 15:24:12

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\03212002\I744628.raw

```

202 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
203 1          5          10          15
205 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr
206          20          25          30
208 <210> SEQ ID NO: 10
209 <211> LENGTH: 21
210 <212> TYPE: PRT
211 <213> ORGANISM: Homo sapiens
213 <220> FEATURE:
214 <221> NAME/KEY: PEPTIDE
215 <222> LOCATION: (1)..(21)
217 <400> SEQUENCE: 10
219 Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
220 1          5          10          15
222 Glu Asn Tyr Cys Asn
223          20
225 <210> SEQ ID NO: 11
226 <211> LENGTH: 30
227 <212> TYPE: PRT
228 <213> ORGANISM: Bos taurus
230 <220> FEATURE:
231 <221> NAME/KEY: PEPTIDE
232 <222> LOCATION: (1)..(30)
234 <400> SEQUENCE: 11
236 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr
237 1          5          10          15
239 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Ala
240          20          25          30
242 <210> SEQ ID NO: 12
243 <211> LENGTH: 21
244 <212> TYPE: PRT
245 <213> ORGANISM: Bos taurus
247 <220> FEATURE:
248 <221> NAME/KEY: PEPTIDE
249 <222> LOCATION: (1)..(21)
251 <400> SEQUENCE: 12
253 Gly Ile Val Glu Gln Cys Cys Ala Ser Val Cys Ser Leu Tyr Gln Leu
254 1          5          10          15
256 Glu Asn Tyr Cys Asn
257          20
259 <210> SEQ ID NO: 13
260 <211> LENGTH: 30
261 <212> TYPE: PRT
262 <213> ORGANISM: Sus scrofa
264 <220> FEATURE:
265 <221> NAME/KEY: PEPTIDE
266 <222> LOCATION: (1)..(30)
268 <400> SEQUENCE: 13
270 Phe Val Asn Gln His Leu Cys Gly Ser His Leu Val Glu Ala Leu Tyr

```

## RAW SEQUENCE LISTING

DATE: 03/21/2002

PATENT APPLICATION: US/09/744,628

TIME: 15:24:12

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\03212002\I744628.raw

```

271 1          5          10          15
273 Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Ala
274          20          25          30
276 <210> SEQ ID NO: 14
277 <211> LENGTH: 21
278 <212> TYPE: PRT
279 <213> ORGANISM: Sus scrofa
281 <220> FEATURE:
282 <221> NAME/KEY: PEPTIDE
283 <222> LOCATION: (1)..(21)
285 <400> SEQUENCE: 14
287 Gly Ile Val Glu Gln Cys Cys Thr Ser Ile Cys Ser Leu Tyr Gln Leu
288 1          5          10          15
290 Glu Asn Tyr Cys Asn
291          20
293 <210> SEQ ID NO: 15
294 <211> LENGTH: 27
295 <212> TYPE: PRT
296 <213> ORGANISM: Homo sapiens
298 <220> FEATURE:
299 <221> NAME/KEY: PEPTIDE
300 <222> LOCATION: (1)..(27)
302 <400> SEQUENCE: 15
304 Met Gly Thr Gly Gly Arg Arg Gly Ala Ala Ala Ala Pro Leu Leu Val
305 1          5          10          15
307 Ala Val Ala Ala Leu Leu Leu Gly Ala Ala Gly
308          20          25
310 <210> SEQ ID NO: 16
311 <211> LENGTH: 719
312 <212> TYPE: PRT
313 <213> ORGANISM: Homo sapiens
315 <220> FEATURE:
316 <221> NAME/KEY: CHAIN
317 <222> LOCATION: (1)..(719)
319 <400> SEQUENCE: 16
321 His Leu Tyr Pro Gly Glu Val Cys Pro Gly Met Asp Ile Arg Asn Asn
322 1          5          10          15
324 Leu Thr Arg Leu His Glu Leu Glu Asn Cys Ser Val Ile Glu Gly His
325          20          25          30
327 Leu Gln Ile Leu Leu Met Phe Lys Thr Arg Pro Glu Asp Phe Arg Asp
328          35          40          45
330 Leu Ser Phe Pro Lys Leu Ile Met Ile Thr Asp Tyr Leu Leu Leu Phe
331          50          55          60
333 Arg Val Tyr Gly Leu Glu Ser Leu Lys Asp Leu Phe Pro Asn Leu Thr
334 65          70          75          80
336 Val Ile Arg Gly Ser Arg Leu Phe Phe Asn Tyr Ala Leu Val Ile Phe
337          85          90          95
339 Glu Met Val His Leu Lys Glu Leu Gly Leu Tyr Asn Leu Met Asn Ile
340          100          105          110

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/744,628

DATE: 03/21/2002

TIME: 15:24:13

Input Set : A:\SEQUENCE LISTING.txt

Output Set: N:\CRF3\03212002\I744628.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:38 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:81 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8